

(1) Number of pages 4
(2) Date of repair 11-11-69
(3) Initials of the Referencer _____

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

G.O. No.	721.	Press
B.P. No.		Mis.
Dated	21-3-1876	197

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
6th March 1876.

Read the following :—

No. 243.

No. 63. *Note by the Chief Engineer for Irrigation.*

THE following estimates from the Chingleput Range are forwarded by the
Superintending Engineer, Chingleput,
No. 2,753, dated 4th October 1875. with his letter marginally noted :—

Taluq.	Estimate No.	Work.	Amount.
	187		
Madranticum	...	Rajapoliam Tank	Rs. 350
Do.	...	Keelathiyakam Tank	800
Do.	...	Bookathoray large Tank	1,625
Do.	...	Namam Tank	935
Do.	...	Oolothamungalum Tank	180

2. The Financial and Hydraulic details of the Irrigation Works concerned are
exhibited in the following statement :—

I.—Financial Details.

Name of Work.	Ayacut Area.	Assessment.	Average Revenue for 5 years.	Highest Revenue for 5 years.	Expenditure during previous 4 years.	AMOUNT OF ESTIMATE.		
						Capital.	Revenue.	Total.
	ACHES.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Rajapoliam Tank	38	140	126	131	...	...	350	350
Keelathiyakam Tank	118	430	205	285	...	...	800	800
Bookathoray large Tank	207	685	701	739	192	...	1,625	1,625
Namam Tank	109	449	359	434	103	205	730	935
Oolothamungalum Tank	75	341	351	351	...	180	...	180

II.—Hydraulic Details.

Name of Work.	Catchment Basin Area.	MAXIMUM SUPPLY.		LENGTH OF ESCAPE.		AVERAGE HEIGHT OF BUND.		Surplus discharged at M.T.L. per Section.	Tanks above.
		Catchment per Second.	Channels per Second.	Total.	Effective.	Above F.T.L.	Above M.T.L.		
	SQ. M.	C. FT.	C. FT.	FT.	FT.	FT.	FT.	C. FT.	NO.
Rajapoliam Tank	1.5	737	...	E. 120	120	3	1.5	6.0	...
Keelathiyakam Tank	1.25	649	...	C. 25	22	2	1.5	128.6	...
Bookathoray large Tank	35	6,018	...	W. 25 } E. 83 } C. 76 }	103	3.5	2	410.4	24
Namam Tank	1.5	737	...	W. 76 } E. 395 }	64	3	2.5	805.3	...
Oolothamungalum Tank	1	562	...	E. 30 } E. 82 } E. 36 }	30	2.5	2	142.5	...
				E. 62.5	62.5	4.5	2.5	519.4	...
								171.0	...
								395.9	...

NOTE.—The proposed dimensions of escapes and heights of bund are printed in large type. The existing dimensions in small type. The following abbreviations are used :—C.—Culingah with dam stones. W.—Weir with flush crest. E.—Escape at ground level. B.—Bund of tank.

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3. The following is the work proposed in each case:—

Rajapoliam tank.—This tank was damaged and breached by a cyclone. The bund is to be raised and sectioned and the sluice repaired.

Keelathivakum tank.—The bund of this tank was badly eroded by the effects of a cyclone and was nearly breached. The estimate submitted is for raising and sectioning the bund, repairing the calingulah by removing the dam stones, and raising the body walls and repairing two sluices.

Bookathoray large tank.—This tank was injured by the overflow of the Palar river. The estimate provides for the following:—Raising and sectioning the bund, new stone-packed revetments, planting long grass, repairing and altering sluices, repairing calingulah, removing dam stones, and raising the body wall to F.T.L.

Namam tank.—This tank was breached and repaired to the extent necessary to save the revenue. The estimate provides for raising and sectioning the bund, replacing revetment, turfing, planting long grass, repairing and improving the sluice, and constructing a loose stone escape weir 82 feet in length.

Oolothamungalum tank.—The estimate for this tank provides for the construction of a loose stone escape weir 62½ feet in length.

4. As the escape which is to be constructed to the Rajapoliam tank is to be planted, its length must be increased to 240 feet. That of the Keelathivakum tank should be 150 feet in addition to the calingulah. The alterations to the latter are debitable to extension and improvements under Revenue.

The alterations to the calingulah of the Bookathoray large tank with the removal of 200 feet of bund at each end will probably suffice to secure that work.

The Namam tank escape should be made 100 feet in length, which will involve an addition of Rupees 50 to the estimate.

The escape proposed for the Oolothamungalum tank is only 62½ feet in length instead of 80 feet, as laid down distinctly in the Note of the Chief Engineer attached to G.O., No. 2,899, dated 11th October 1875, where the cost is stated at Rupees 225.

(Signed) A. DEC. SCOTT, Major, R.E.,
Assistant Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

28th February 1876.

No. 64.

ORDER THEREON, 6th March 1876, No. 594.

IRRIGATION, No. 6.
Account.

The following estimates for works in No. 3 Range forwarded by the Superintending Engineer, Chingleput District, are sanctioned:—

		Revenue (Repairs).	
		Rs.	
Irrigation Register No. 23 of 1875-76.—Repairing the Rajapoliam Tank	...	350	
Do. do. „ 24 do. Do. Keelathivakam Tank	...	800	
Do. do. „ 25 do. Do. Bookathoray large Tank	1,625		
Do. do. „ 26 do. Do. Namam Tank	...	730	
		Extensions and Improvements.	
Do. do. „ 27 do. Do. Rough stone escape, Namam Tank	...	205	
Do. do. „ 27 do. Do. Oolothamungalum Tank	225		

Proceedings of the Madras Government, Public Works Department,
6th March 1876.

2. The last work will be altered in accordance with the Note of the Chief Engineer recorded in the Proceedings of Government of the 11th October 1875, No. 2,899, which should have been attended to by the officers concerned. The escapes of the other tanks referred to will also be lengthened.

3. The above sanctions have been registered, as shown, against each work.

(True Extract.)

Comptroller Major-General, R.E.,
Secretary to Government.

To the District Engineer, Chingleput.

- „ Collector of do.
- „ Chief Engineer for Irrigation.
- „ Examiner of Public Works Accounts.
- „ Revenue Department.

Exd. S. T. Austin.

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Revenue Department
No 1182
Govt. of 1876 Madras.
PUBLIC WORKS.

To

THE DISTRICT ENGINEER,
CHINGLEPUT,
&c., &c., &c.

Dated March 6th.

Issued

Recd. March 10th

Encl.

G. O., 6th March 1876, No. 594.

MARCH

Nos. 63-64

Dis. M.

Repairs to certain Tanks in No. 3 Range,
Chingleput District. The estimates for
sanctioned.

No 721
Communicated to the
H. of Secy.

21: Mar 76

9 Loh. Boarding Plan Dec 24/76